

EMC Components

ACT Series ACT3225 type

Common Mode Choke Coils for Signal Line and DC Power Line SMD

FEATURES

- Wire-wound chip-type common mode filter with a large differential mode inductance in the high frequency range.
- Achieves outstanding dual mode noise control by combining on a single chip common mode and differential mode filters.
- Common-mode filter for up to 200MHz. Chip bead for high frequency range.

APPLICATIONS

Countering the electromagnetic noise of various electronic devices, such as notebook PCs, CD-ROM's, facsimiles, etc.

PRODUCT IDENTIFICATION

ACT 3225 - 102 - 2PT- T
(1) (2) (3) (4) (5)

(1) Series

(2) Dimensions L×W

3225: 3.2×2.5mm

(3) Impedance[at 100MHz]

102: 1000Ω

(4) Number of lines

2P: 2-line

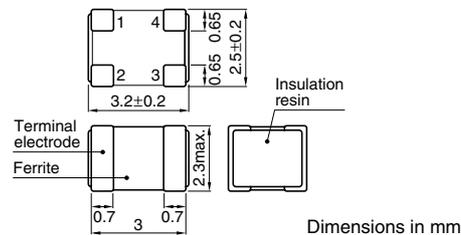
(5) Packaging style

T: ø180mm reel taping

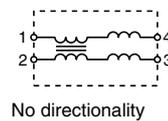
TL: ø330mm reel taping

B: Bulk

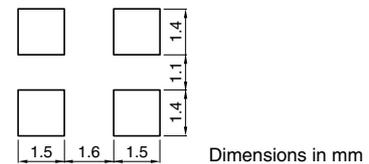
SHAPES AND DIMENSIONS



CIRCUIT DIAGRAM



RECOMMENDED PC BOARD PATTERN REFLOW SOLDERING



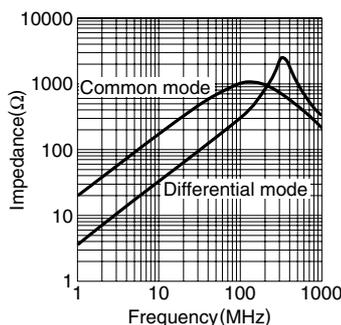
ELECTRICAL CHARACTERISTICS

Part No.	Impedance(Ω)[at 100MHz]		DC resistance (Ω)max.	Rated voltage Edc(V)max.	Rated current Idc(mA)max.	Insulation resistance (MΩ)min.
	Common mode	Differential mode				
ACT3225-102-2P-X*	1000min.	200typ.	0.5	20	200	10

* X: Packaging style(T:Taping[ø180mm reel], TL:Taping[ø330mm reel], B:Bulk)

TYPICAL ELECTRICAL CHARACTERISTICS

IMPEDANCE vs.FREQUENCY CHARACTERISTICS



MEASURING CIRCUITS

